

Amendments to the Claims:

1. (Previously amended) An isolated protein comprising the amino acid sequence set forth in SEQ ID NO: 3.

2. (Cancelled)

3. (Previously amended) An isolated protein encoded by a nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- (a) the nucleotide sequence set forth in SEQ ID NO: 1;
- (b) the nucleotide sequence set forth in SEQ ID NO: 2; and
- (c) the nucleotide sequence set forth in SEQ ID NO: 4.

4. (Cancelled)

5. (Currently amended) ~~The isolated protein of claim 2, wherein said amino acid sequence has~~ An isolated protein comprising an amino acid sequence having at least 95% sequence identity to the amino acid sequence set forth in SEQ ID NO: 3-, wherein said protein comprises Bs2 protein biological activity.